

Claims

1. A method for adhering a polybutadiene formed article, which comprises the steps of:

(1) reducing the water contact angle of a surface of the
5 polybutadiene formed article, and

(2) adhering the polybutadiene formed article which is reduced in the water contact angle to a polar resin formed article.

2. The method for adhering a polybutadiene formed
10 article according to claim 1, wherein the polybutadiene is syndiotactic 1,2-polybutadiene having a crystallinity of 5% or more.

3. The method for adhering a polybutadiene formed article according to claim 1 or 2, wherein step (1) is at least
15 one selected from the group consisting of ozone treatment, electron beam treatment, corona discharge treatment, plasma discharge treatment, ultraviolet laser treatment and chemical treatment.

4. The method for adhering a polybutadiene formed
20 article according to any one of claims 1 to 3, wherein the water contact angle (CA_{BR}) of the water contact angle-reduced polybutadiene formed article which is obtained in step (1), is 80 degrees or less.

5. The method for adhering a polybutadiene formed
25 article according to any one of claims 1 to 4, wherein the polar resin is at least one selected from the group consisting of a polycarbonate resin, a polyester resin, an ABS resin, a

polystyrene resin, a polyurethane resin, a polyamide resin, a polyalkyl acrylate resin, a polyalkyl methacrylate resin, a polyvinyl acetate resin, a polyvinyl chloride resin and a polyvinylidene chloride resin.

5 6. The method for adhering a polybutadiene formed article according to any one of claims 1 to 5, wherein the difference (ΔCA) between the water contact angle (CA_{BR}) of the water contact angle-reduced polybutadiene formed article obtained in step (1) and the water contact angle (CA_{PR}) of the
10 polar resin formed article is from +60 degrees to -15 degrees.

7. The method for adhering a polybutadiene formed article according to any one of claims 1 to 6, wherein the adhesion in step (2) is preferably adhesion by the use of an organic solvent.

15 8. The method for adhering a polybutadiene formed article according to any one of claims 1 to 7, wherein the organic solvent is at least one selected from the group consisting of cyclohexanone, tetrahydrofuran, cyclohexane, methyl ethyl ketone, acetone and ethyl acetate.

20 9. The method for adhering a polybutadiene formed article according to any one of claims 1 to 8, wherein the water contact angle-reduced polybutadiene formed article which is obtained in step (1) and the polar resin formed article are previously treated with the organic solvent according to claim
25 8.

10. A polybutadiene composite formed article obtained by the method according to any one of claims 1 to 9.

11. A medical member comprising at least the polybutadiene composite formed article according to claim 10.

12. An infusion set having the medical member according to claim 11 as a constituent element.